

The Messenger of Allah (SAW) was asked, "Which Charity is Best?"
He Replied, "**(Providing) Water**" (Sunan Ibn Majah 3684)

WASH PROGRAM



الخدمت فاؤنڈیشن پاکستان
ALKHIDMAT FOUNDATION PAKISTAN

SITUATION

Water is a priceless gift of nature and an essential ingredient of our lives. According to the World Health Organization (WHO) standards, only 15% of Pakistan's population has access to safe drinking water. Additionally, owing to water pollution four out of five diseases are waterborne diseases.



ALKHIDMAT WASH PROGRAM

Alkhidmat besides working on an awareness campaign on the vulnerabilities of contaminated water and the importance of clean water is running WASH projects. From the installation of water filtration plants in metropolitan cities, of Sindh and Punjab provinces, construction of hand pumps in villages, submersible pumps and tanks in Tharparkar Sindh, digging wells in deserts and remote areas of Balochistan, Gravity Flow Water Scheme in Azad Kashmir and Khyber Pakhtunkhwa to solar-powered projects in Balochistan are some of the key characteristics of Alkhidmat WASH Program.





PKR
120,000
EXECUTION TIMELINE
03 MONTHS

COMMUNITY HAND PUMP

The Afridev Pump is a conventional lever action handpump. It is designed for heavy-duty use, serving communities of up to 300 persons. The Afridev Pump is fully corrosion resistant, easy to install and has excellent potential for community-based maintenance. The configuration includes an “open top” cylinder: the piston can be removed from the cylinder without dismantling the rising main. The foot valve is retractable with a fishing tool.

This pump is also known as the Deep-well piston handpump. Community hand pumps are ideal for villages and households in which surface sources are common, so only a basic pump suffices for communities trying to meet their water requirements. Suction hand pumps are economical, easy to install and maintain. Maintenance is done at the village level without the need for specialist parts. The pumps are made from cast iron.

PROJECT FEASIBILITY

KHYBER PAKHTUNKHWA: Swabi, Mardan, Malakand, Kohat, Laki Marwat, Khyber, Dir Lower, Bajur & North Waziristan, Peshawar, Nowshera, Charsadda, Bannu, D.I Khan, Waziristan, Tank, Dir Upper, Bajur, Swat, Buner.

SINDH: Tharparkar, Umarkot, Sanghar (Khipro) & Tando Muhammad Khan.

SOUTH PUNJAB: Multan, Vehari, Bahawalnagar, Muzaffargarh, Khanewal & Kot Addu.

CENTRAL PUNJAB: Kasur, Faisalabad, Okara, Sahiwal, Chiniot & Jhang.

BALUCHISTAN: Sohbatpur, Jaffarabad & Nasirabad.



PKR
220,000
EXECUTION TIMELINE
04 MONTHS

WATER WELL

It is a traditional source of water in rural areas of Pakistan. Earth is excavated deep to fetch water. Digging is done through various techniques including drilling, blasting etc. Cemented rings are put in open wells for long life and sustainability. Water motors and hand pulleys are used for pulling the water up, down from the wells.

PROJECT FEASIBILITY

KHYBER PAKHTUNKHWA: Khyber, Malakand ,Dir Lower ,Dir Upper ,Bajur,Swat,Buner Chitral, Shangla.

BALUCHISTAN: Zhob, Nushki, Lasbeela & Harnai.

GILGIT BALTISTAN: Ghizar & Gilgit.

AZAD JAMMU & KASHMIR: Poonch,Jehlum Valley & Dhirkot.



SUBMERSIBLE WATER PUMP WITH WATER STORAGE TANK

PKR

220,000

EXECUTION TIMELINE

03 MONTHS

A submersible water pump operates beneath the earth's surface. Submersible Water Pump pushes water to the surface. Most submersible pumps are long cylinders that are about 3 to 5 inches' diameter and 2 to 4 feet long. Submersible Water Pumps have a hermetically sealed motor that is close-coupled to the body of the water pump. Having a hermetically sealed motor prevents the water from getting inside the pump's motor and causing a short circuit. Other components of a submersible water pump are the cable, which is connected to the motor and a pipe that transports the water to the surface. Water is then stored in water storage tanks constructed nearby Submersible water pump tube well. Submersible Water Pump projects are best suitable to run systems for water pumping in remote areas or where electricity has frequent outage.

PROJECT FEASIBILITY

KHYBER PAKHTUNKHWA: Peshawar, Nowshera, Charsadda, Mardan, Swabi, Khyber, Kohat, Lakki Marwat, Bannu, D.I Khan, Wazirsitan, Tank, Mohmand, Karak, Malakand ,Dir Lower ,Dir Upper ,Bajur,Buner,Chitral, Shangla, Swat.

SINDH: Tharparkar, Umarnkot, Sanghar (khipro).

SOUTH PUNJAB: Multan, Vehari, Bahawalnagar, Muzaffargarh & Khanewal.

CENTRAL PUNJAB: Kasur,Faisalabad,Okara,Sahiwal,Chiniot,Nankana Sahib,Sheikhupura,Toba Tek Singh,Hafizabad,Gujranwala,Sialkot,Pakpattan & Narowal.

BALUCHISTAN: Nushki, Zhob, Lasbeela, Loralai, Chaman, Panjgur, Kachi, Sohbatpur, Jaffarabad & Nasirabad.



SOLAR SUBMERSIBLE WATER PUMP WITH WATER STORAGE TANK

PKR
800,000
EXECUTION TIMELINE
04 MONTHS

Water pumping is generally dependent on conventional electricity. Solar pumping systems are environment friendly and require low maintenance with no fuel cost. Keeping in view the shortage of electricity in Urban, rural and remote areas in many parts of Pakistan, Solar power pumping is one of the most promising applications using solar energy. The technology is similar to conventional water pumping system i.e. electrical submersible water pumping except that the power source is solar energy. Solar Submersible water pumping technique is gaining importance in recent years due to non-availability of electricity. The flow rate of pumped water is dependent on incident solar radiation and size of PV array. A properly designed PV system results in significant long-term cost savings as compared to conventional pumping systems. In addition, tanks can be used for water storage in place of requirement.

PROJECT FEASIBILITY

KHYBER PAKHTUNKHWA: Peshawar, Nowshera, Charsadda, Mardan, Swabi, Khyber, Kohat, Lakki Marwat, Bannu, D.I Khan, Wazirsitan, Tank, Mohmand, Karak, Malakand, Dir Lower, Dir Upper, Bajur, Buner, Chitral, Shangla

BALUCHISTAN: Nushki, Zhob, Lasbeela, Loralai, Chaman, Panjgur, Kachi, Sohbatpur, Jaffarabad & Nasirabad

SINDH: Tharparkar, Umarmkot, Sanghar (khipro).

SOUTH PUNJAB: Dera Gazi Khan.



PKR
500,000
 EXECUTION TIMELINE
04 MONTHS

GRAVITY FLOW SCHEME

The distribution of water is always troublesome in hilly and remote areas. To remedy the situation a reservoir of water is created mechanically and stored at a place where it could be easily disseminated to the required population. The scheme also involves the development of new water resources so that demand could be met along seamless provision lines.

PROJECT FEASIBILITY

KHYBER PAKHTUNKHWA: Battagram, Swat, Dir Upper, Chitral, Buner & Dir lower.

GILGIT BALTISTAN: Astore, Diamer, Ghizar & Gilgit.

AZAD JAMMU & KASHMIR: Muzaffarabad, Dirkot, Bagh Jhulam, Valley Nuleem, Valley Poonch, Sudhnoti & Hawali



PKR
2,500,000
EXECUTION TIMELINE
06 MONTHS

WATER FILTRATION PLANT (RO)

Water purification is the process of removing undesirable chemicals, biological contaminants, suspended solids and gases from contaminated water. The goal is to produce water fit for drinking purpose. Water purification plants are the source of providing pure, safe, and healthy drinking water to people. Water filtration plants make use of "Reverse Osmosis processes for water purification Reverse Osmosis (RO) process is used on those areas where underground water condition is not very good i.e. Water is Saline.

PROJECT FEASIBILITY

SINDH:

KPK: (C&S, HAZARA, NORTH)

BALUCHISTAN:

CENTRAL PUNJAB:

SOUTH PUNJAB:

NORTH PUNJAB:

AZAD JAMMU & KASHMIR:

GILGIT BALTISTAN:

AKF KARACHI:

LAHORE:

ISLAMABAD:



PKR
40,000
EXECUTION TIMELINE
03 MONTHS

SMALL HAND PUMP

The Small Handpump is a conventional lever action handpump. It is designed for serving communities of up to 200 persons. These handpumps are fully corrosion resistant, easy to install and has excellent potential for community-based maintenance.

PROJECT FEASIBILITY

KHYBER PAKHTUNKHWA: Peshawar, Nowshera, Charsadda, Mardan, Swabi, Bannu, D.I Khan, Malakand.

SINDH: Badin, Dadu, Sanghar, Khairpur, Jacobabad, Mirpurkhas, Tando Muhammad Khan, Thatta & Shahdadkot

CENTRAL PUNJAB: Okara, Kasur & Faisalabad.

SOUTH PUNJAB: Muzaffargarh & Kot Addu.



PKR
100,000
EXECUTION TIMELINE
1.5 MONTHS

INSTALLATION OF WATER CHILLERS / WATER COOLERS

In extreme weather conditions, especially during summer months, provision of cooled and safe drinking water is essential. Installation of water chillers/coolers in schools, hospitals, public places, and community centers will ensure access to clean and temperature-controlled drinking water, thereby promoting hydration, health, and community well-being.

PROJECT FEASIBILITY

SINDH:

KPK: (C&S, HAZARA, NORTH)

BALUCHISTAN:

CENTRAL PUNJAB:

SOUTH PUNJAB:

NORTH PUNJAB:

AZAD JAMMU & KASHMIR:

GILGIT BALTISTAN:

AKF KARACHI:

LAHORE:

ISLAMABAD:



CONSTRUCTION OF TOILET

Access to safe sanitation remains a critical challenge in many underserved areas. The inclusion of toilet construction in schools and low-income communities will help reduce open defecation, prevent water-borne diseases, and improve dignity for all, including men, women, and children. This intervention will complement our existing clean water initiatives and ensure a more holistic WASH response.



PROJECT FEASIBILITY

SINDH:

KPK: (C&S, HAZARA, NORTH)

BALUCHISTAN:

CENTRAL PUNJAB:

SOUTH PUNJAB:

NORTH PUNJAB:

AZAD JAMMU & KASHMIR:

GILGIT BALTISTAN:

AKF KARACHI:

LAHORE:

ISLAMABAD:



PKR
100,000
EXECUTION TIMELINE
1.5 MONTHS

HYGIENE KIT DISTRIBUTION

Infrastructure alone is not sufficient without behavior change. Therefore, we also intend to incorporate structured hygiene awareness sessions focusing on handwashing practices, menstrual hygiene management, safe water storage, and disease prevention. In addition, hygiene kits (including soap, sanitizer, menstrual hygiene items, etc.) will be distributed among vulnerable households to reinforce healthy practices at the household level.



PROJECT FEASIBILITY

SINDH:

KPK: (C&S, HAZARA, NORTH)

BALUCHISTAN:

CENTRAL PUNJAB:

SOUTH PUNJAB:

NORTH PUNJAB:

AZAD JAMMU & KASHMIR:

GILGIT BALTISTAN:

AKF KARACHI:

LAHORE:

ISLAMABAD:



0.5 – LITRE BOTTLE FOR PURE HYDRATION

Our community faces critical challenges where access to clean drinking water becomes a matter of survival. 0.5-Litre Water Bottle is our initiative to ensure that everyone has access to life-saving hydration, especially in times of urgent need.

Disaster Relief:

Providing pure water to those impacted by natural disasters.

Support for Workers & Travelers:

Offering refreshing hydration to those enduring harsh conditions.

Family Assistance:

Ensuring clean water reaches families in crisis.

**100,000
PKR**





PKR
20,000
EXECUTION TIMELINE
02 MONTHS

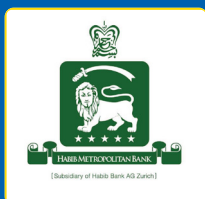
MAINTENANCE OF WASH PROJECT

Operation and maintenance refers to all of the activities needed to continuous running of Community Water Project, except for the construction of new facilities. The overall aim of operation and maintenance of Alkhidmat WASH Program is to ensure continuous efficiency, effectiveness and sustainability of community Water Projects i.e. Community Handpumps, Water Well and other water Supply System.



PROJECT FEASIBILITY

- KHYBER PAKHTUNKHWA REGION ■ SINDH REGION
- PUNJAB REGION ■ BALOCHISTAN REGION
- GILGIT BALTISTAN REGION ■ AZAD JAMMU & KASHMIR REGION



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